



南京丰山化学有限公司

NANJING FENGSHAN CHEMICAL CO., LTD.

MATERIAL SAFETY DATA SHEET

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

SUPPLIER: Nanjing Fengshan Chemical Co., Ltd.

ADDRESS: 1904 Centre International Plaza, 105-6 North Zhongshan Road, Nanjing City, Jiangsu Province, China.

Tel: +86-25-66605701

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PRODUCT NAME: Copper(II)basic chloride

SECTION 2: HAZARDS IDENTIFICATION

May be harmful if swallowed.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT: Copper(II)basic chloride

CAS No: 1332-40-7

ACTIVE INGREDIENT: 35%.

SECTION 4: FIRST AID MEASURES

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes.

Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.

Call a poison control center or doctor for treatment advice.

IF INHALED: Move person to fresh air. then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice.

Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate use of gastric



lavage.

SECTION 5: FIRE-FIGHTING MEASURES

FLASH POINT: Not flammable

EXTINGUISHING MEDIA: Use media suited to burning material.

FIRE AND EXPLOSION HAZARDS: Avoid inhaling the fumes

FIRE-FIGHTING EQUIPMENT: Wear full protective clothing including face mask, face shield and gauntlets.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Rapidly recover the product and prevent it from entering into drainage systems, if possible. In so doing wear protective clothing (see Section 8). The product might, where appropriate, be absorbed by inert material. After the product has been recovered, rinse the area and contaminated materials involved with water. Dispose unrecoverable product, absorbant material and/or rinsate solids as hazardous substance

SECTION 7: HANDLING AND STORAGE

HANDLING PRECAUTIONS: Do not eat, drink or smoke while working.

STORAGE CONDITIONS: Store in a cool, dry place

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

PRECAUTIONARY MEASURES: Give adequate ventilation to the premises where the product is stored and/or handled.

RESPIRATORY PROTECTION: Not needed for normal use.

PROTECTION FOR HANDS: Use chemical resistant gloves made of waterproof material, such as polyvinyl chloride, nitrile rubber, or butyl rubber.

EYE PROTECTION: Not needed for normal use, but recommended while working.

PROTECTION FOR SKIN: Use coveralls (long sleeve shirt and pants) and shoes plus socks

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: powder



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MELT POINT: Decomposes 140 °C

FLAMIBILITY PROPERTIES: Not flammable

EXPLOSIVE PROPERTIES: Not explosive

FREEZING POINT: NA

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable. However may decompose if heated.

CONDITIONS TO AVOID: Temperatures over 125 °F. Avoid exposure to high moisture conditions for prolonged periods.

POLYMERIZATION: Does not polymerize.

INCOMPATIBILITY (MATERIALS TO AVOID): Ammonia or acid vapors. Strong acids. Copper is corrosive to aluminum, especially when in aqueous state and elevated temperatures.

HAZARDOUS DECOMPOSITION: Decomposes in high temperature to CuO +H₂O.

SECTION 11: TOXICOLOGICAL INFORMATION

(Technical)

LD₅₀ ORAL (Rats): 489 mg/kg

LD₅₀ DERMAL (Rats): >3160mg/kg

LD₅₀ INHALATION (Rabbit): > 2.15 mg/L

EYE IRRITATION (rabbit): mildly

SKIN IRRITATION (rabbit): Slight.

SENSITIZATION (guinea pig): Non sensitizing.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Acute asthma and/or other chronic pulmonary diseases due to inhalation of dust or spray mists.

SECTION 12: ECOLOGICAL INFORMATION

Non toxic.

SECTION 13: DISPOSAL CONSIDERATIONS



N/A

SECTION 14: TRANSPORT INFORMATION

NA

SECTION 15: REGULATORY INFORMATION

N/A

SECTION 16: OTHER INFORMATIONS

All information and instructions provided in this Material Safety Data Sheet (MSDS) are based on the current state of scientific and technical knowledge at the date indicated on the present MSDS and are presented in good faith and believed to be correct. This information applies to the PRODUCT AS SUCH. In case of new formulations or mixes, it is necessary to ascertain that a new danger will not appear. It is the responsibility of persons on receipt of this MSDS to ensure that the information contained herein is properly read and understood by all people who may use, handle, dispose or in any way come in contact with the product. If the recipient subsequently produce formulations containing this product, it is the recipients sole responsibility to ensure the transfer of all relevant information from this MSDS to their own MSDS.

THE END OF MATERIAL SAFETY DATA SHEET